

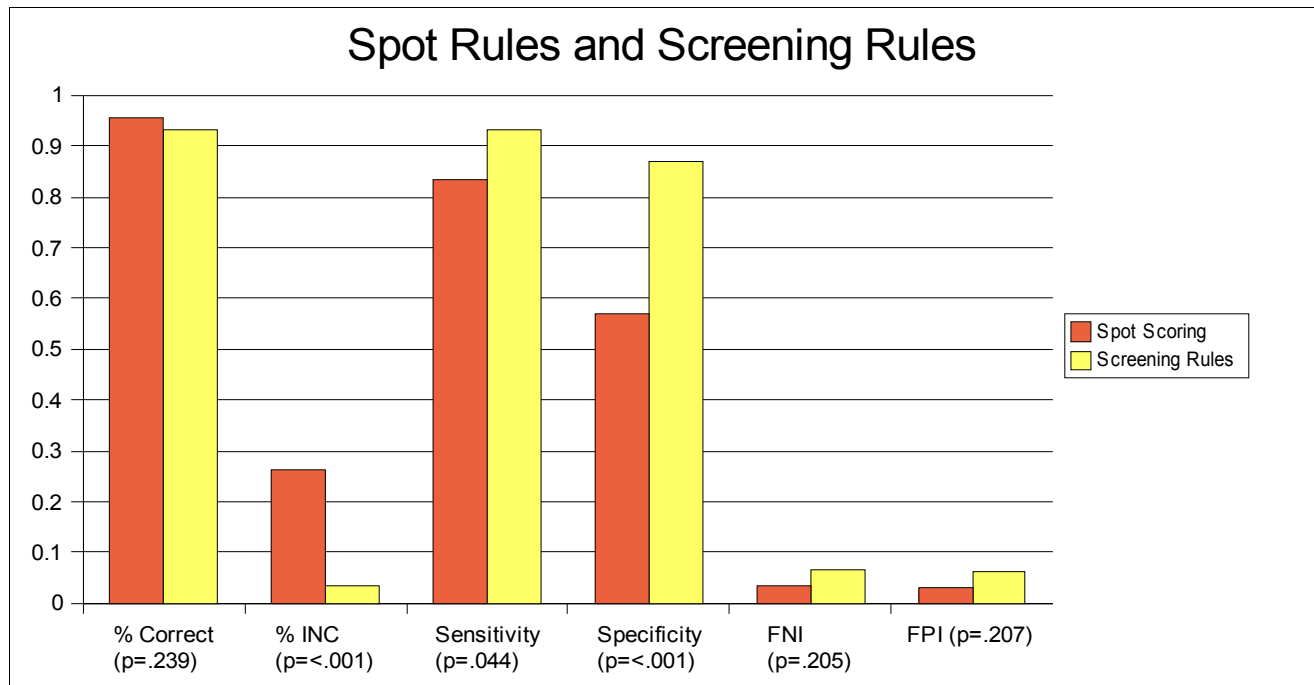
# Objective Scoring System – version 3

## Screening Validation - LEPET

Double-bootstrap t-test of  $M=60^2$  resample sets, of  $N=60$  LEPET screening exams.

Males = 52  
Females = 8  
Mean Age = 27.5  
Max Age = 43.7  
Min Age = 19.5

Spot (MGQT) Rules		Screening Rules	sig.
Correct Decisions	95.5%	93.2%	.239
INC	26.4%	3.3%	<.001
Sensitivity	83.4%	93.3%	.044
Specificity	57.2%	87.0%	<.001
FN	3.4%	6.7%	.205
FP	3.2%	6.4%	.207

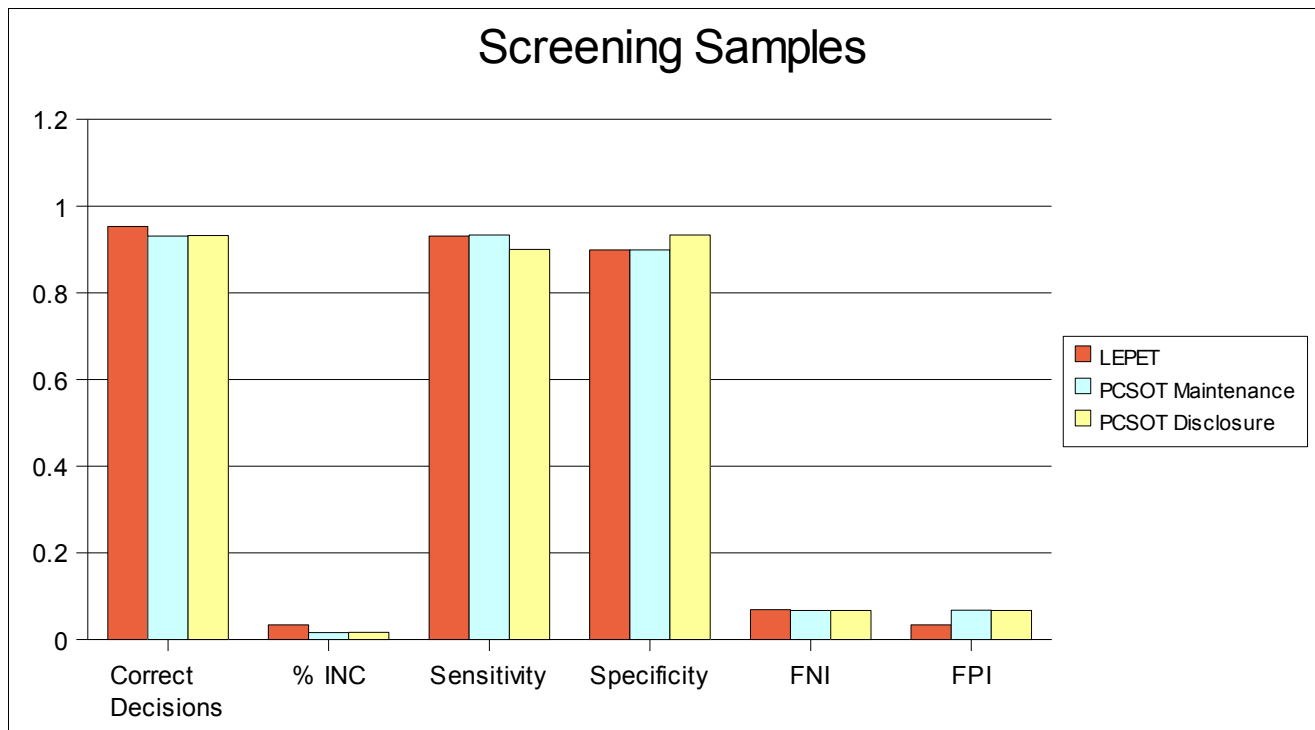


## Bootstrap ANOVA – PCSOT Samples

Bootstrap ANOVA constructed from 1000 resampled sets of N=60

### Using Screening Rules

	LEPET (N=60)	PCSOT Maintenance (N=292)	PCSOT Disclosure (N=60)	F =	Sig.
Correct	94.6%	93.1%	93.2%	0.049	.952
INC	3.4%	1.6%	1.7%	0.174	.840
Sensitivity	93.1%	93.3%	90.0%	0.089	.915
Specificity	89.9%	89.9%	93.3%	0.086	.917
FN	6.9%	6.7%	6.7%	0.001	.999
FP	3.4%	6.8%	6.7%	0.130	.878



# Crossvalidation – Combined Screening Samples

Double-bootstrap t-test of M=292<sup>2</sup> resample sets, of N=292 confirmed ZCT cases from the training sample, and M=180<sup>2</sup> resample sets of N=180 mixed format screening cases from the combined LEPET, PCSOT Maintenance and PCSOT Disclosure samples

	Training Sample Senter Rules N=292	Combined Screening Samples Screening Rules N=180	sig.
Correct Decisions	93.9%	93.2%	.337
INC	4.5%	1.6%	.005
Sensitivity	90.6%	92.2%	.271
Specificity	88.8%	91.1%	.202
FN	6.7%	6.7%	.497
FP	4.9%	6.6%	.214

